



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 6, 2015

Rebecca M. Horton  
Consultant/Agent for Bonide Products Inc.  
Registrations by Design, Inc.  
PO Box 1019  
Salem, VA 24153

Subject: PRIA Label Amendment – Adding optional marketing statements, resistance management language, Me-Too uses/pests on vegetables  
Product Name: Bonide FT09  
EPA Registration Number: 4-488  
Application Date: 5/19/2014  
Decision Number: 491735

Dear Ms. Horton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Lindsay Roe by phone at 703-347-0506 or via email at [roe.lindsay@epa.gov](mailto:roe.lindsay@epa.gov).

Sincerely,

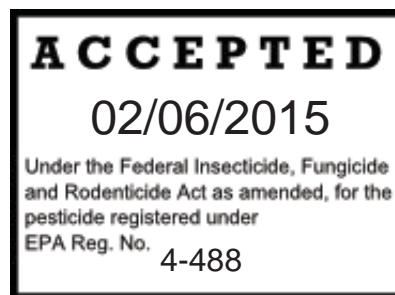
A handwritten signature in black ink, appearing to read "Tony Kish". The signature is fluid and cursive, with the first name "Tony" and last name "Kish" clearly distinguishable.

Tony Kish, Product Manager 22  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



**FT09**



[Additional Brand Name(s): BONIDE® Fruit Tree Spray Concentrate; BONIDE® Fruit Tree Spray; Bonide® Fruit Tree & Plant Guard Concentrate; Fruit Tree & Plant Guard Concentrate]

Intended for residential use only

**Optional Marketing Statements**

**Controls both insects and diseases on Fruit Trees and Nut Trees**  
**Controls Aphids, Japanese Beetles, Plum Curculio, Leafhopper, and other listed insects and diseases, such as Powdery Mildew, Apple Scab, Flyspeck, and other listed diseases**  
**Controls a wide range of listed fungal disease and insect pests**  
**Controls insects and diseases on listed Fruit and Nut Trees**  
**Excellent Multi-Purpose performance for the hobby home orchardist**  
**Do It Yourself**  
**All In One Pest Control**

**Controls both Insects and Diseases on listed Fruit Trees, Vegetables, & Ornamentals.**  
**All-in-One Pest and Disease control on listed Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**Insect and Disease control on listed Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**For use on Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**Also for use on Vegetables!**  
**Multi-Purpose Performance**  
**Controls a wide range of fungal diseases and pests.**  
**Controls insects and fungal diseases on listed fruits, vegetables and ornamentals**  
**Prevents leaf loss caused by black spot and rust**  
**Fungicide and Insecticide**  
**For use on listed: (Roses), (Vegetables), (Ornamentals) (Fruit Trees), (Nut Trees), (Flowers), (Shrubs), and (Trees)**  
**Children and pets can enter the treated area after sprays have dried.**  
**Proper plant nutrition, and removing dead or damaged leaves will also reduce fungal disease and insect problems.**  
**Wet weather promotes plant diseases.**  
**Can be used in vegetable gardens.**  
**Can be used on roses, vegetables, fruits and ornamentals.**  
**Kills: (Aphids), (Beetles), (Crickets), (Ants (including Argentine, Allegheny mound, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance)), (Cutworm), (Thrips), (Eastern Tent Caterpillar), (Spiders), (Mealybugs), (Whitefly), and (other listed insects).**  
**Fungal diseases controlled (powdery mildew), (Downey Mildew), (Botrytis Rot), (Anthracnose), (Scab), (Leaf Rust), (Leaf Spot) and (blight).**  
**For suppression of Leaf Curl on Nectarines and Peaches!**  
**Ideal for listed fruit and vegetable gardens!**  
**Where to Use: On (Roses), (Vegetables), (Ornamentals) (Fruit Trees), (Nut Trees), (Flowers), (Shrubs), and (Trees)**  
**When to Use: When insects, insect damage, or fungal disease first appears.**  
**Made in/Produced in: (from US and imported products/parts)**

**Controls Downy Mildew on Impatiens**

**For household home garden use.**

**Use to protect (apples), (Pears), (Plums), (Cherries), (Walnuts), (Nectarines) (Prunes), (Garlic), (Squash), (Tomatoes) (Peppers), (Beans), (Peas) and (Ornamentals) against listed pests.**

**Picture of Pear, Peach, Apple, Tomato, and/or Pepper**

**It really works!**

**One Pint [Quart] [Gallon] makes up to 8 [16] [64] gallons of finished spray\***

**Mix 2 fl. oz. per gallon of water\***

**\*For most listed use sites. Read and follow directions for use prior to application.**

**Water-based [symbol]**

**Concentrate**

**ACTIVE INGREDIENTS:**

Lambda-cyhalothrin .....	0.500%
Pyraclostrobin: .....	3.060%
Boscalid:.....	5.622%

**OTHER INGREDIENTS:.....**90.818%

**TOTAL:.....** 100.000%

This product contains 0.487 lb boscalid, 0.265 lb pyraclostrobin and 0.043 lb lambda-cyhalothrin per gallon.

**Keep Out of Reach of Children**

**CAUTION**

See back/side/other panel(s) or attached booklet for additional Precautionary Statements & First Aid.

**Net Contents:** 1 PT (16 fl oz) (473 mL) / 1 QT (32 fl oz) (946 ml) / 1 GAL (128 fl oz) (3.785 l)

## READ THE ENTIRE LABEL BEFORE USE

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If swallowed</b>	Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.
<b>If in eyes</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Environmental Hazards:** This product is extremely toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply to application sites adjacent to surface water, including ornamental fish ponds, unless a vegetative buffer strip exists between the application area and the surface water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this product to listed fruit trees, ornamental trees, shrubs & flowers during bloom. Do not allow pesticide to drift to non-target blooming crops or weeds if bees are visiting or foraging the treatment area.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not allow children or pets into the treated area until dry.

[In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.]

FT09 is a complete concentrate containing Insecticide, Fungicide, Miticide, Aphicide and Scalicide. Designed especially for home orchards to protect Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums, Almonds, Pecans, Walnuts and other listed Fruits and Nuts from the ravages of listed insects and diseases.

**SHAKE THIS PRODUCT THOROUGHLY BEFORE MEASURING, MIXING AND USE.** This product may settle when stored and will require agitation (shaking) to re-suspend. Choose a cool, calm period to apply product, preferably early morning or evening, when trees will not be subjected to hot direct sunlight. Do not apply if rain is expected before the product has a chance to dry on the leaf surfaces. When active disease spores are present (warm humid days), shorten the spray intervals to 7-10 days. Apply spray to the leaves, fruit branches, trunk and base of tree for complete coverage (to the point of runoff). When applying, shake sprayer occasionally or agitate to keep spray solution well mixed. Carefully read and follow the spray schedule.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

**Resistance Management:** Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, use of this product should conform to resistance management strategies established for the use area. For recommendations on plant care and maintenance, including identification of insect or disease infestation, contact your regional agricultural extension service.

### Mixing and Application

1. Using a clean sprayer, measure and mix 2 fl. oz. of product per gallon of water (1.25 fl. oz. of product per gallon of water for fruiting vegetables except cucurbits.)
2. Do not use kitchen utensils such as measuring cups and spoons for food purposes after they have been used with pesticides.
3. Spray as directed – complete coverage is important.
4. Flush sprayer with clean water after use and apply rinsate to treatment area.
5. Carefully follow all label directions and any limitations of use, such as the amount of spray to apply or PHI (pre-harvest interval) for particular edible crops.

### Measurement Conversions:

- 1 Tablespoon (Tbs) = 3 teaspoons (tsp)
- 1 fl oz = 2 Tbs = 6 tsp
- 6 fl oz =  $\frac{3}{4}$  cup
- 4 Tbs in 1 gallon of water = 12 tsp in 1 gallon of water
- $2\frac{1}{2}$  Tbs in 1 gallon of water =  $7\frac{1}{2}$  tsp in 1 gallon of water

**FRUIT and NUT TREES** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply when insects or disease first appear or damage occurs. See **Table 1-** for use rates, crops, pre-harvest interval (PHI), insects and diseases controlled.

<b>Table 1</b>		
1 PT (16 fl oz) covers up to 12,000 sq ft. [1 QT (32 fl oz) covers up to 24,000 sq. ft.][1 GAL covers up to 96,000 sq. ft.] Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft.		
<b>Pome Fruits</b>	<b>PHI</b>	<b>Insects Controlled</b>
Apple Crabapple Loquat Mayhaw Oriental Pear Pear Quince  Do not make more than 4 applications per year	Do not apply within 21 days of harvest	Apple Aphid, Apple Maggot (Adult), Cherry Fruit Fly spp. (Adult), Codling Moth, Green Fruitworm, Japanese Beetle, Leafhopper spp., Leafroller spp., Lesser Appleworm, Omnivorous leafroller, Orange Tortrix, Oriental Fruit Moth, Pear Psylla spp., Pear Sawfly, Periodical Cicada, Plant Bug spp., Plum Curculio, Rosy Apple Aphid, San Jose Scale (fruit infestations only), Spirea Aphid spp., Stink Bug spp., Tent Caterpillar spp., Tentiform Leaf Miner spp. Tree Borer spp. Tufted Apple Budworm, Webworm spp.
		<b>Diseases Controlled</b>
		Alternaria blotch, Apple scab, Bitter rot, Black rot/Frogeye leaf spot, Brooks spot, Flyspeck, Pear scab, Powdery mildew, Sooty blotch, White rot Suppression Only: Cedar apple rust and Quince rust
<b>Stone Fruits</b>	<b>PHI</b>	<b>Insects Controlled</b>
Apricot Cherry (sweet & tart) Nectarine	Do not apply within 14 days of	American Plum Borer, Apple Maggot (Adult), Black Cherry Aphid, Cherry Fruit Fly spp.(Adult), Codling Moth, Green Fruitworm, Japanese Beetle, June Beetle, Leafhopper spp.,

Peach Plum Plumcot Prune  Do not make more than 5 applications per year	harvest	Leafroller spp. Oriental Fruit Moth, Peach Twig Borer, Peachtree Borer spp., Pear Sawfly, Periodical Cicada, Plant Bug spp., Plum Curculio, Rose Chafer, Stink Bug spp., Tent Caterpillar spp., Thrips spp.
		<b>Diseases Controlled</b>
		Alternaria leaf spot, Anthracnose, Blossom blight, Brown rot, Leaf spot, Powdery mildew, Ripe fruit rot, Rust, Scab, Shothole  For Nectarine & Peach, Suppression only for Leaf Curl
<b>Tree Nuts</b>	<b>PHI</b>	<b>Insects Controlled</b>
Almond Beech Nut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert (Hazlenut) Hickory Macadamia Nut Walnut (Black and English)  Do not make more than 4 applications per year	Do not apply within 25 days of harvest on Almonds  Do not apply within 14 days of harvest on all other listed nuts	Ants, Chinch Bug, Codling Moth, Filbertworm, Leaffooted Bug, Leafroller spp., Navel Orangeworm, Peach Twig Borer, Plant Bug spp., Stink Bug spp. Walnut Aphid, Walnut Husk Fly spp. (Adult)
		<b>Diseases Controlled</b> Alternaria leaf spot, Anthracnose, Blossom blight, Eastern filbert blight, Leaf rust, Scab, Green fruit rot, Shothole

<b>Fruit Tree Stages and Spray Schedule</b>	
<b>Dormant:</b> Absence of growth in late fall, winter and early spring.	Ideal time to apply Bonide All Seasons Horticultural and Dormant Spray Oil for control of listed over-wintering insects.
<b>Green Tip Stage:</b> When branch tips show new, green tissue. <b>Pre-Bloom/Pink Bud Stage:</b> When blossom buds show full color before opening.	First application can be made anytime in this period of growth
<b>Bloom Stage:</b> When blossoms are open.	To protect pollinating insects, such as bees, do not spray during this period.
<b>Petal Fall Stage:</b> When the last of petals have fallen from the blossoms (when bees are gone).	Second application can be made.
<b>Fruit Set:</b> Fruit is established and clearly visible	Third and subsequent applications can be made every 10 – 14 days, up to cut-off date listed in Table 1 for PHI ( <b>P</b> re <b>H</b> arvest <b>I</b> nterval).



**ORNAMENTAL TREES, SHRUBS & FLOWERS:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early – prior to high insect or disease infestations. See **Table 2-Ornamental Trees, Shrubs & Flowers Pest Control** for use rates and insects/diseases controlled.

<b>Table 2. Ornamental Trees, Shrubs &amp; Flowers Pest Control</b>		
1 PT (16 fl oz) covers up to 12,000 sq ft. [1 QT (32 fl oz) covers up to 24,000 sq. ft.][1 GAL covers up to 96,000 sq. ft.] Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft. Application to impatiens and petunia during flowering may cause discoloration. Do not apply to the following species or varieties: ninebark, wintercreeper or grapes (Concord, Worden, Fredonia, Niagara or related varieties).		
<b>Use Site</b>	<b>Use Rate</b>	<b>Insects Controlled</b>
<p>Ornamental Trees, Shrubs &amp; Flowers including (but not limited to): Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemum, Carnation, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Impatiens, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.</p> <p>Reapply at 7 – 14 day intervals.</p> <p>Do not exceed 14 applications per year.</p>	<p>Mix 2 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.</p>	<p>Ants*, Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevil (adult), Boxelder bugs, Budworms, Cankerworms, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetle (adults), June beetles (adults), Lace bugs, Leaf feeding caterpillars, Leafhoppers, Leafminers (adult), Leaf rollers, Leaf skeletonizers, Midges, Oleander moth larvae, Pillbugs, Pine sawfly, Pine shoot beetles, Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae</p> <p>Broadmites, Brown soft scale, California red scale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies</p> <p>* Argentine, Allegheny mound, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.</p> <p><b>Diseases Controlled</b>  <u>Anthraxnose</u> (<i>Colletotrichum</i> spp.),  <u>Blossom Blight</u> (<i>Monilinia</i> spp.),  <u>Crown &amp; Basal Rots</u> (<i>Cylindrocladium</i> spp., <i>Fusarium</i> spp., <i>Rhizoctonia solani</i>, <i>Sclerotinia</i> spp.), <u>Downy Mildew</u> (<i>Peronospora</i> spp., <i>Plasmopara</i> spp.), <u>Leaf Spots</u> (<i>Alternaria</i> spp., <i>Blumeriella</i> spp., <i>Cercospora</i> spp., <i>Helminthosporium</i> spp., <i>Mycosphaerella</i> spp., <i>Myrothecium</i> spp., <i>Phoma</i> spp.,</p>



	<i>Phomopsis</i> spp., <i>Phyllosticta</i> spp., <i>Sphaceloma</i> spp., <i>Wilsonomyces</i> spp.), <u>Phytophthora blight</u> ( <i>Phytophthora</i> spp.), <u>Powdery Mildews</u> ( <i>Erysiphe</i> sp., <i>Oidium</i> sp., <i>Podosphaera</i> sp., <i>Sphaerotheca</i> sp., <i>Uncinula</i> sp.), <u>Botrytis Rot</u> ( <i>Botryosphaeria</i> spp., <i>Botrytis</i> spp., <i>Coniothyrium</i> spp., <i>Exobasidium</i> spp.), <u>Rust</u> ( <i>Puccinia</i> spp., <i>Uromyces</i> spp., <i>Coleosporium</i> spp., <i>Gymnosporangium</i> spp.), <u>Scab</u> ( <i>Venturia</i> spp., <i>Cladosporium</i> spp).
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**VEGETABLES:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early – prior to high insect or disease infestations. See **Table 3-Vegetables Pest Control** for use rates and insects/diseases controlled.

<b>Table 3. Vegetable Pest Control</b>		
For Eggplant, Ground Cherry, Pepino, Peppers and Tomatillo: 1 PT (16 fl oz) covers up to 19,200 sq. ft. [1 QT (32 fl oz) covers up to 38,400 sq. ft.]. Do not exceed 1.25 fl. oz. FT09 per 1,500 sq. ft. For all other listed vegetables: 1 PT (16 fl oz) covers up to 12,000 sq ft. [1 QT (32 fl oz) covers up to 24,000 sq. ft.][1 GAL covers up to 96,000 sq. ft.] Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft.		
<b>Use Site</b>	<b>Use Rate</b>	<b>Pests</b>
Garlic Onion	Mix 2 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.  Do not apply within 14 days of harvest  Do not make more than 6 applications per year	<b>Insects Controlled</b> Cutworm spp., Leafminer spp. (Adult), Onion Maggot (Adult), Seedcorn Maggot (Adult)  Aphid spp. <sup>2</sup> , Armyworm spp. <sup>1</sup> Flower Thrips <sup>2,3</sup> , Onion Thrips <sup>3</sup> Plant bug spp., Stink Bug spp. Tobacco Thrips <sup>3</sup> , Western Flowers Thrips <sup>2,3</sup>  <b>Diseases Controlled</b> Botrytis leaf Blight ( <i>botrytis</i> spp.), Purple blotch and leaf blight ( <i>Alternaria porri</i> ), Stemphylium leaf blight and stalk rot ( <i>Stemphylium vescaurium</i> ), suppression of Downy Mildew.
<b>Cucurbit Vegetables Group</b> <b>Includes all types and hybrids of</b>  <b>Chayote</b> Chinese waxgourd Citron Melon Cucumber Gherkin Pumpkin Watermelon  <b>Edible Gourd</b>	Mix 2 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.  Do not apply within 1 day of harvest  Do not make more than 4 applications per year	<b>Insects Controlled</b> Armyworms <sup>3</sup> , Aphid species <sup>3</sup> , Blister beetle species, Cabbage looper, Corn earworm, Cricket species, Cucumber beetle species (adult), Cutworm species, Flea Beetle species, Grasshopper species. June beetle species, Leaffooted bug, Leafhopper species, Leafminer species <sup>2,3</sup> , Lygus Bug species <sup>3</sup> , Rindworm species complex, Saltmarsh caterpillar, Spider mite species <sup>2</sup> , Squash beetle, Squash bug species, Squash vine

<p>Chinese okra Cucuzza Hyotan</p> <p><b><i>Momordica spp.</i></b> Balsam apple Balsam pear Bitter melon Chinese cucumber</p> <p><b>Muskmelon</b> Cantaloupe Casaba Crenshaw melon Golden pershaw melon Honeydew melon Honey balls Mango melon Persian melon Pineapple melon Santa Clause melon Snake melon</p> <p><b>Summer Squash</b> Crookneck squash Scallop squash Straightneck squash Vegetable marrow Zucchini</p> <p><b>Winter Squash</b> Acorn squash Butternut Squash Calabaza Hubbard squash Spaghetti squash</p>		<p>borer species, Stink bug species, Thrips species<sup>3,5</sup>, Tobacco budworm<sup>3</sup>, Webworm species, Whitefly species<sup>2,3</sup></p> <p><b>Diseases Controlled</b> Downey mildew (<i>Pseudoperonospora cubensis</i>), Alternaria blight (<i>Alternaria cucumerina</i>), Cercospora leaf spot (<i>Cercospora citrulina</i>), Gummy stem blight (<i>Didymella bryoniae</i>), Powdery mildew (<i>Sphaerotheca fuliginea</i>, <i>Erysiphe cichoracearum</i>)</p>
<p><b>Fruiting Vegetables (except cucurbits) Crop Group</b></p> <p>Eggplant Ground Cherry Pepino Peppers Tomatillo</p>	<p>Mix 1.25 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.</p> <p>Do not apply within 5 days of harvest</p> <p>Do not make more than 6 applications per year</p>	<p><b>Insects Controlled</b> Aphid spp.<sup>2,3</sup>, Beet armyworm<sup>1,3</sup>, Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle<sup>3</sup>, Cucumber Beetle spp.; (Adult), Cutworm spp., European Corn Borer<sup>4</sup>, Fall Armyworm<sup>1</sup>, Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp.<sup>2</sup>, Meadow Spittlebug, Pepper weevil (Adult)<sup>2</sup>, Plant Bug spp., Southern Armyworm<sup>1</sup>, Spider Mite spp.<sup>2</sup>, Stalk Borer<sup>4</sup>, Stink Bug spp., Thrips<sup>5</sup>, Tobacco Budworm<sup>3</sup>, Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid<sup>2,3</sup>, Vegetable Weevil (Adult), Whitefly spp.<sup>2,3</sup>, Yellow-striped Armyworm<sup>1</sup></p>

		<b>Diseases Controlled</b> Black mold ( <i>Alternaria alternata</i> ) Early Blight ( <i>Alternaria solani</i> )
<b>Tomato</b>	Mix 2 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.  Do not apply within 5 days of harvest  Do not make more than 2 applications per year	<b>Insects Controlled</b> Aphid spp. <sup>2,3</sup> , Beet armyworm <sup>1,3</sup> , Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle <sup>3</sup> , Cucumber Beetle spp., (Adult), Cutworm spp., European Corn Borer <sup>4</sup> , Fall Armyworm <sup>1</sup> , Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp. <sup>2</sup> , Meadow Spittlebug, Pepper weevil (Adult) <sup>2</sup> , Plant Bug spp., Southern Armyworm <sup>1</sup> , Spider Mite spp. <sup>2</sup> , Stalk Borer <sup>4</sup> , Stink Bug spp., Thrips <sup>5</sup> , Tobacco Budworm <sup>3</sup> , Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid <sup>2,3</sup> , Vegetable Weevil (Adult), Whitefly spp. <sup>2,3</sup> , Yellow-striped Armyworm <sup>1</sup>  <b>Disease Controlled</b> Anthracnose ( <i>Colletotrichum spp.</i> ) Black mold ( <i>Alternaria alternata</i> ), Botrytis gray mold ( <i>Botrytis cinerea</i> ), Early Blight ( <i>Alternaria solani</i> ), Late Blight ( <i>Phytophthora infestans</i> ), Powdery mildew ( <i>Leveillula taurica</i> ), Septoria leaf spot ( <i>Septoria lycopersici</i> ), Target spot ( <i>Corynespora cassiicola</i> )
<b>Beans</b>  <b>Lupinus spp.</b> Lupine Sweet lupine  <b>Phaseolus spp.</b> Field bean Kidney bean Lima bean Navy bean Pinto bean Tepary bean  <b>Vigna spp.</b> Adzuki bean Blackeyed pea Catjang Crowder pea Moth bean Mung bean Rice bean Southern pea Urd bean	Mix 2 fl. oz. of product in one gallon of water and apply to 1500 sq. ft.  Do not apply within 21 days of harvest  Do not make more than 2 applications per year	<b>Insects Controlled</b> Alfalfa Caterpillar, Alfalfa Looper, Aphid spp. <sup>3</sup> , Armyworm, Aster Leafhopper, Bean Leaf Beetle, Bean Leaf skeletonizer, Beet Armyworm <sup>1,2,3</sup> , Bird Cherry-Oat Aphid, Blister Beetle, Cinch Bug, Colorado Potato Beetle, Common Cornstalk Borer, Corn Earworm <sup>4</sup> , Corn Leaf Aphid, Corn Silkworm (adult), Cucumber Beetle Adult, Curculio and Weevil species <sup>4,6</sup> , Cutworm, Diamondback Moth, English Grain Aphid, European Corn Borer <sup>4</sup> , Fall Armyworm <sup>1</sup> , Flea Beetle, Flea Hopper, Flower Thrips, Grasshopper, Green Cloverworm, Greenbug, Hop Vine Borer <sup>4</sup> , Hornworm, Imported Cabbageworm, Japanese Beetle (adult), Leafhopper, Leafminer (adult) <sup>2,3</sup> , Leaf-tier species, Lesser Cornstalk Borer <sup>2,4</sup> , Looper species, Meadow Spittlebug, Mexican Bean Beetle, Mexican Rootworm Beetle (adult), Mexican Rice Borer <sup>4</sup> , Northern Corn

		<p>Rootworm Beetle (adult), Onion Maggot (adult), Onion Thrips, Painted Lady Butterfly (larva), Pepper Weevil (adult), Plant Bug, including Lygus Bug<sup>3</sup>, Rice Stalk Borer<sup>4</sup>, Saltmarsh Caterpillar, Sap Beetle (adult), Seedcorn Beetle, Seedcorn Maggot (adult), Southern Armyworm, Southern Cabbageworm, Southern Corn Leaf Beetle, Southern Corn Rootworm Beetle (adult), Southwestern Corn Borer<sup>4</sup>, Soybean Looper<sup>2,3</sup>, Spider Mite, Stalk Borer<sup>4</sup>, Stink Bug, Sugarcane Borer<sup>4</sup>, Tarnished Plant Bug, Threecornered Alfalfa Hopper, Thrips<sup>3,5</sup>, Tobacco Budworm<sup>3,4</sup>, Tobacco Thrips, Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid, Vegetable Weevil (adult), Velvetleaf Caterpillar, Webworm, Western Bean Cutworm<sup>4</sup>, Western Corn Rootworm Beetle (adult), Western Flower Thrips, Western Yellowstriped Armyworm, Whitefly<sup>2,3</sup>, Yellowstriped Armyworm<sup>1</sup>.</p> <p><b>Diseases Controlled</b>  Alternaria leaf and pod spot (<i>Alternaria spp.</i>), Ascochyta blight (<i>Phoma exigua</i>, <i>Ascochyta spp.</i>), Cercospora leaf spot (<i>Cercospora spp.</i>), Downy mildew (<i>Phytophthora nicotianae</i>)  Mycosphaerella blight (<i>Mycosphaerella spp.</i>), Powdery mildew (<i>Erysiphe polygoni</i>), Rust (<i>Uromyces appendiculatus</i>) Septoria leaf spot (<i>Septoria spp.</i>, Anthracnose (<i>Colletotrichum spp.</i>), Botrytis gray mold (<i>Botrytis cinerea</i>), White mold (<i>Sclerotinia sclerotiorum</i>)</p>
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<sup>1</sup>For control of first and second instar only.

<sup>2</sup>Suppression only

<sup>3</sup>See resistance management statement above (elsewhere on this label)

<sup>4</sup>For control before the larvae bores into the plant stalk or fruit.

<sup>5</sup>Does not include Western Flower Thrips.

<sup>6</sup>Foliage and pod feeding adults and larvae.

## STORAGE & DISPOSAL

**Pesticide Storage:** Store and transport in upright position. Store only in original container, in a cool dry place inaccessible to children or pets.

**Pesticide Disposal and Container Handling:** Non-refillable container. Do not reuse or refill this container. *If empty* -- Place in trash or offer for recycling, if available. *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### **WARRANTY**

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

For information on pesticide products call National Pesticide Information Center at 1-800-858-7378, 8AM to 12PM, Monday through Friday.

### **Bonide Products, Inc.**

6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]

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## FT09

[Additional Brand Name(s): BONIDE® Fruit Tree Spray; Bonide® Fruit Tree & Plant Guard Ready to Spray; Fruit Tree & Plant Guard Ready To Spray]

Intended for residential use only

### **Optional Marketing Statements**

**Controls both insects and diseases on Fruit Trees and Nut Trees**  
**Controls Aphids, Japanese Beetles, Plum Curculio, Leafhopper, and other listed insects and diseases, such as Powdery Mildew, Apple Scab, Flyspeck, and other listed diseases**  
**Controls a wide range of listed fungal disease and insect pests**  
**Controls insects and diseases on listed Fruit and Nut Trees**  
**Excellent Multi-Purpose performance for the hobby home orchardist**  
**Do It Yourself**  
**All In One Pest Control**

**Controls both Insects and Diseases on listed Fruit Trees, Vegetables, & Ornamentals.**  
**All-in-One Pest and Disease control on listed Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**Insect and Disease control on listed Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**For use on Fruit & Nut Trees, Vegetables, & Ornamentals.**  
**Also for use on Vegetables!**  
**Multi-Purpose Performance**  
**Controls a wide range of fungal diseases and pests.**  
**Controls insects and fungal diseases on listed fruits, vegetables and ornamentals**  
**Prevents leaf loss caused by black spot and rust**  
**Fungicide and Insecticide**  
**For use on listed: (Roses), (Vegetables), (Ornamentals) (Fruit Trees), (Nut Trees), (Flowers), (Shrubs), and (Trees)**  
**Children and pets can enter the treated area after sprays have dried.**  
**Proper plant nutrition, and removing dead or damaged leaves will also reduce fungal disease and insect problems.**  
**Wet weather promotes plant diseases.**  
**Can be used in vegetable gardens.**  
**Can be used on roses, vegetables, fruits and ornamentals.**  
**Kills: (Aphids), (Beetles), (Crickets), (Ants (including Argentine, Allegheny mound, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance)), (Cutworm), (Thrips), (Eastern Tent Caterpillar), (Spiders), (Mealybugs), (Whitefly), and (other listed insects).**  
**Fungal diseases controlled (powdery mildew), (Downey Mildew), (Botrytis Rot), (Anthracnose), (Scab), (Leaf Rust), (Leaf Spot) and (blight).**  
**For suppression of Leaf Curl on Nectarines and Peaches!**  
**Ideal for listed fruit and vegetable gardens!**  
**Where to Use: On (Roses), (Vegetables), (Ornamentals) (Fruit Trees), (Nut Trees), (Flowers), (Shrubs), and (Trees)**  
**When to Use: When insects, insect damage, or fungal disease first appears.**

**Made in/Produced in: (from US and imported products/parts)**  
**Controls Downy Mildew on Impatiens**  
**For household home garden use.**  
**Use to protect (apples), (Pears), (Plums), (Cherries), (Walnuts), (Nectarines) (Prunes), (Garlic),**  
**(Squash), (Tomatoes) (Peppers), (Beans), (Peas) and (Ornamentals) against listed pests.**  
**Picture of Pear, Peach, Apple, Tomato, and/or Pepper**  
**It really works!**

**Water-based [symbol]**  
**Ready-To-Spray**  
**This product is ready to spray. Just attach this bottle to your garden hose according**  
**to directions. Water automatically mixes with the concentrate as you spray.**  
**Simply Connect to Garden hose and Spray!**

**ACTIVE INGREDIENTS:**

Lambda-cyhalothrin .....	0.500%
Pyraclostrobin: .....	3.060%
Boscalid:.....	5.622%

**OTHER INGREDIENTS:.....**90.818%

**TOTAL:.....** 100.000%

This product contains 0.487 lb boscalid, 0.265 lb pyraclostrobin and 0.043 lb lambda-cyhalothrin per gallon.

**Keep Out of Reach of Children**

**CAUTION**

See back/side/other panel(s) or attached booklet for additional Precautionary Statements & First Aid.

**Net Contents:** 1QT (32 fl oz) (946 mL)



## READ THE ENTIRE LABEL BEFORE USE

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If swallowed</b>	Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.
<b>If in eyes</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Environmental Hazards:** This product is extremely toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply to application sites adjacent to surface water, including ornamental fish ponds, unless a vegetative buffer strip exists between the application area and the surface water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this product to listed fruit trees, ornamental trees, shrubs & flowers during bloom. Do not allow pesticide to drift to non-target blooming crops or weeds if bees are visiting or foraging the treatment area.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not allow children or pets into the treated area until dry.

[In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.]

FT09 is a complete ready-to-spray product containing Insecticide, Fungicide, Miticide, Aphicide and Scalicide. Designed especially for home orchards to protect Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums, Almonds, Pecans, Walnuts and other listed Fruits and Nuts from the ravages of listed insects and diseases.

SHAKE THIS PRODUCT THOROUGHLY BEFORE USE. This product may settle when stored and will require agitation (shaking) to re-suspend. Choose a cool, calm period to apply product, preferably early morning or evening, when trees will not be subjected to hot direct sunlight. Do not apply if rain is expected before the product has a chance to dry on the leaf surfaces. When active disease spores are present (warm humid days), shorten the spray intervals to 7-10 days. Apply spray to the leaves, fruit branches, trunk and base of tree for complete coverage (to the point of runoff). When applying, shake sprayer occasionally or agitate to keep spray solution well mixed. Carefully read and follow the spray schedule.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Resistance Management: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, use of this product should conform to resistance management strategies established for the use area. For recommendations on plant care and maintenance, including identification of insect or disease infestation, contact your regional agricultural extension service.

### **TWIST & SHOOT™ READY-TO-SPRAY INSTRUCTIONS**

- 1) Make sure control knob is in “OFF” position, then connect to garden hose.
- 2) Turn water on at faucet. When spraying low growing plants and small shrubs, twist the control knob right, to the “FAN” position. When spraying taller trees, shrubs and other plants, twist the control knob left to the “STREAM” position for extended reach and more uniform coverage. The product mixes automatically with the water as you spray.
- 3) To stop spraying, turn the control knob lever to the “OFF” position. Turn off water at the faucet and disconnect sprayer from garden hose.

**FRUIT and NUT TREES** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply when insects or disease first appear or damage occurs. See table below [**Table 1**]- for use rates, crops, pre-harvest interval (PHI), insects and diseases controlled.

[Table 1]		
1 QT (32 fl oz) covers up to 24,000 sq. ft. Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft.		
Pome Fruits	PHI	Insects Controlled
Apple Crabapple Loquat Mayhaw Oriental Pear Pear Quince  Do not make more than 4 applications per year	Do not apply within 21 days of harvest	Apple Aphid, Apple Maggot (Adult), Cherry Fruit Fly spp. (Adult), Codling Moth, Green Fruitworm, Japanese Beetle, Leafhopper spp., Leafroller spp., Lesser Appleworm, Omnivorous leafroller, Orange Tortrix, Oriental Fruit Moth, Pear Psylla spp., Pear Sawfly, Periodical Cicada, Plant Bug spp., Plum Curculio, Rosy Apple Aphid, San Jose Scale (fruit infestations only), Spirea Aphid spp., Stink Bug spp., Tent Caterpillar spp., Tentiform Leaf Miner spp. Tree Borer spp. Tufted Apple Budworm, Webworm spp.
		<b>Diseases Controlled</b> Alternaria blotch, Apple scab, Bitter rot, Black rot/Frogeye leaf spot, Brooks spot, Flyspeck, Pear scab, Powdery mildew, Sooty blotch, White rot Suppression Only: Cedar apple rust and Quince rust
Stone Fruits	PHI	Insects Controlled
Apricot Cherry (sweet & tart) Nectarine Peach	Do not apply within 14 days of harvest	American Plum Borer, Apple Maggot (Adult), Black Cherry Aphid, Cherry Fruit Fly spp.(Adult), Codling Moth, Green Fruitworm, Japanese Beetle, June Beetle, Leafhopper spp., Leafroller spp., Oriental Fruit Moth, Peach Twig Borer,

Plum Plumcot Prune		Peachtree Borer spp., Pear Sawfly, Periodical Cicada, Plant Bug spp., Plum Curculio, Rose Chafer, Stink Bug spp., Tent Caterpillar spp., Thrips spp.
Do not make more than 5 applications per year		<b>Diseases Controlled</b> Alternaria leaf spot, Anthracnose, Blossom blight, Brown rot, Leaf spot, Powdery mildew, Ripe fruit rot, Rust, Scab, Shothole  For Nectarine & Peach, Suppression only for Leaf Curl
<b>Tree Nuts</b>	<b>PHI</b>	<b>Insects Controlled</b>
Almond	Do not apply within 25 days of harvest on Almonds	Ants, Chinch Bug, Codling Moth, Filbertworm, Leaf-footed Bug, Leafroller spp., Navel Orangeworm, Peach Twig Borer, Plant Bug spp., Stink Bug spp. Walnut Aphid, Walnut Husk Fly spp. (Adult)
Beech Nut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert (Hazlenut) Hickory Macadamia Nut Walnut (Black and English)	Do not apply within 14 days of harvest on all other listed nuts	<b>Diseases Controlled</b> Alternaria leaf spot, Anthracnose, Blossom blight, Eastern filbert blight, Leaf rust, Scab, Green fruit rot, Shothole
Do not make more than 4 applications per year		

<b>Fruit Tree Stages and Spray Schedule</b>	
<b>Dormant:</b> Absence of growth in late fall, winter and early spring.	Ideal time to apply Bonide All Seasons Horticultural and Dormant Spray Oil for control of listed over-wintering insects.
<b>Green Tip Stage:</b> When branch tips show new, green tissue. <b>Pre-Bloom/Pink Bud Stage:</b> When blossom buds show full color before opening.	First application can be made anytime in this period of growth
<b>Bloom Stage:</b> When blossoms are open.	To protect pollinating insects, such as bees, do not spray during this period.
<b>Petal Fall Stage:</b> When the last of petals have fallen from the blossoms (when bees are gone).	Second application can be made.
<b>Fruit Set:</b> Fruit is established and clearly visible	Third and subsequent applications can be made every 10 – 14 days, up to cut-off date listed in Table 1 for PHI ( <b>P</b> re <b>H</b> arvest <b>I</b> nterval).

**ORNAMENTAL TREES, SHRUBS & FLOWERS:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early – prior to high insect or disease infestations.

**Table 2. Ornamental Trees, Shrubs & Flowers Pest Control**

<b>Use Site</b>	<b>Insects Controlled</b>
1 QT (32 fl oz) covers up to 24,000 sq. ft. Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft. Application to impatiens and petunia during flowering may cause discoloration. Do not apply to the following species or varieties: ninebark, wintercreeper or grapes (Concord, Worden, Fredonia, Niagara or related varieties).	

<p>Ornamental Trees, Shrubs &amp; Flowers including (but not limited to): Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemum, Carnation, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Impatiens, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.</p>	<p>Ants<sup>*</sup>, Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevil (adult), Boxelder bugs, Budworms, Cankerworms, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetle (adults), June beetles (adults), Lace bugs, Leaf feeding caterpillars, Leafhoppers, Leafminers (adult), Leaf rollers, Leaf skeletonizers, Midges, Oleander moth larvae, Pillbugs, Pine sawfly, Pine shoot beetles, Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae</p>
<p>Reapply at 7 – 14 day intervals. Do not exceed 14 applications per year.</p>	<p>Broadmites, Brown soft scale, California red scale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies</p> <p><sup>*</sup> Argentine, Allegheny mound, Black carpenter, Cornfield, Field, Florida carpenter, Harvester, Honey, Pavement, Southern, Sugar, Nuisance.</p> <p><b>Diseases Controlled</b>  <u>Anthracnose</u> (<i>Colletotrichum</i> spp.), <u>Blossom Blight</u> (<i>Monilinia</i> spp.), <u>Crown &amp; Basal Rots</u> (<i>Cylindrocladium</i> spp., <i>Fusarium</i> spp., <i>Rhizoctonia solani</i>, <i>Sclerotinia</i> spp.), <u>Downy Mildew</u> (<i>Peronospora</i> spp., <i>Plasmopara</i> spp.), <u>Leaf Spots</u> (<i>Alternaria</i> spp., <i>Blumeriella</i> spp., <i>Cercospora</i> spp., <i>Helminthosporium</i> spp., <i>Mycosphaerella</i> spp., <i>Myrothecium</i> spp., <i>Phoma</i> spp., <i>Phomopsis</i> spp., <i>Phyllosticta</i> spp., <i>Sphaceloma</i> spp., <i>Wilsonomyces</i> spp.), <u>Phytophthora blight</u> (<i>Phytophthora</i> spp.), <u>Powdery Mildews</u> (<i>Erysiphe</i> sp., <i>Oidium</i> sp., <i>Podosphaera</i> sp., <i>Sphaerotheca</i> sp., <i>Uncinula</i> sp.), <u>Botrytis Rot</u> (<i>Botryosphaeria</i> spp., <i>Botrytis</i> spp., <i>Coniothyrium</i> spp., <i>Exobasidium</i> spp.), <u>Rust</u> (<i>Puccinia</i> spp., <i>Uromyces</i> spp., <i>Coleosporium</i> spp., <i>Gymnosporangium</i> spp.), <u>Scab</u> (<i>Venturia</i> spp., <i>Cladosporium</i> spp.).</p>

**VEGETABLES:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects or disease are present. For best results, apply early – prior to high insect or disease infestations. See **Table 3-Vegetables Pest Control** for use rates and insects/diseases controlled.

<b>Table 3. Vegetable Pest Control</b>		
For Eggplant, Ground Cherry, Pepino, Peppers and Tomatillo: 1 QT (32 fl oz) covers up to 38,400 sq. ft. Do not exceed 1.25 fl. oz. FT09 per 1,500 sq. ft.		
For all other listed vegetables: 1 QT (32 fl oz) covers up to 24,000 sq. ft. Do not exceed 2 fl. oz. FT09 per 1,500 sq. ft.		
Use Site	PHI	Pests
Garlic Onion	Do not apply within 14 days of harvest  Do not make more than 6 applications per year	<p><b>Insects Controlled</b>            Cutworm spp., Leafminer spp. (Adult),            Onion Maggot (Adult), Seedcorn Maggot (Adult)</p> <p>Aphid spp.<sup>2</sup>, Armyworm spp.<sup>1</sup>            Flower Thrips<sup>2,3</sup>, Onion Thrips<sup>3</sup>            Plant bug spp., Stink Bug spp.            Tobacco Thrips<sup>3</sup>, Western Flowers Thrips<sup>2,3</sup></p>

		<b>Diseases Controlled</b> Botrytis leaf Blight ( <i>botrytis spp.</i> ), Purple blotch and leaf blight ( <i>Alternaria porri</i> ), Stemphylium leaf blight and stalk rot ( <i>Stemphylium vescaurium</i> ), suppression of Downy Mildew.
<b>Cucurbit Vegetables Group</b> <b>Includes all types and hybrids of</b>  <b>Chayote</b> Chinese waxgourd Citron Melon Cucumber Gherkin Pumpkin Watermelon  <b>Edible Gourd</b> Chinese okra Cucuzza Hyotan  <b>Momordica spp.</b> Balsam apple Balsam pear Bitter melon Chinese cucumber  <b>Muskmelon</b> Cantaloupe Casaba Crenshaw melon Golden pershaw melon Honeydew melon Honey balls Mango melon Persian melon Pineapple melon Santa Clause melon Snake melon  <b>Summer Squash</b> Crookneck squash Scallop squash Straightneck squash Vegetable marrow Zucchini  <b>Winter Squash</b> Acorn squash Butternut Squash Calabaza	Do not apply within 1 day of harvest  Do not make more than 4 applications per year	<b>Insects Controlled</b> Armyworms <sup>3</sup> , Aphid species <sup>3</sup> , Blister beetle species, Cabbage looper, Corn earworm, Cricket species, Cucumber beetle species (adult), Cutworm species, Flea Beetle species, Grasshopper species. June beetle species, Leaffooted bug, Leafhopper species, Leafminer species <sup>2,3</sup> , Lygus Bug species <sup>3</sup> , Rindworm species complex, Saltmarsh caterpillar, Spider mite species <sup>2</sup> , Squash beetle, Squash bug species, Squash vine borer species, Stink bug species, Thrips species <sup>3,5</sup> , Tobacco budworm <sup>3</sup> , Webworm species, Whitefly species <sup>2,3</sup>  <b>Diseases Controlled</b> Downey mildew ( <i>Pseudoperonospora cubensis</i> ), Alternaria blight ( <i>Alternaria cucumerina</i> ), Cercospora leaf spot ( <i>Cercospora citrulina</i> ), Gummy stem blight ( <i>Didymella bryoniae</i> ), Powdery mildew ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> )

Hubbard squash Spaghetti squash		
<b>Fruiting Vegetables (except cucurbits) Crop Group</b>  Eggplant Ground Cherry Pepino Peppers Tomatillo	<p>Apply 1 QT (32 fl. oz.) to cover 38,400 sq. ft.</p> <p>Do not apply within 5 days of harvest</p> <p>Do not make more than 6 applications per year</p>	<b>Insects Controlled</b> Aphid spp. <sup>2,3</sup> , Beet armyworm <sup>1,3</sup> , Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle <sup>3</sup> , Cucumber Beetle spp.; (Adult), Cutworm spp., European Corn Borer <sup>4</sup> , Fall Armyworm <sup>1</sup> , Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp. <sup>2</sup> , Meadow Spittlebug, Pepper weevil (Adult) <sup>2</sup> , Plant Bug spp., Southern Armyworm <sup>1</sup> , Spider Mite spp. <sup>2</sup> , Stalk Borer <sup>4</sup> , Stink Bug spp., Thrips <sup>5</sup> , Tobacco Budworm <sup>3</sup> , Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid <sup>2,3</sup> , Vegetable Weevil (Adult), Whitefly spp. <sup>2,3</sup> , Yellow-striped Armyworm <sup>1</sup>  <b>Diseases Controlled</b> Black mold ( <i>Alternaria alternata</i> ) Early Blight ( <i>Alternaria solani</i> )
<b>Tomato</b>	<p>Do not apply within 5 days of harvest</p> <p>Do not make more than 2 applications per year</p>	<b>Insects Controlled</b> Aphid spp. <sup>2,3</sup> , Beet armyworm <sup>1,3</sup> , Blister Beetle spp., Cabbage Looper, Colorado Potato Beetle <sup>3</sup> , Cucumber Beetle spp.; (Adult), Cutworm spp., European Corn Borer <sup>4</sup> , Fall Armyworm <sup>1</sup> , Flea Beetle spp., Grasshopper spp., Hornworm spp., Japanese Beetle (Adult), Leafhopper spp., Leafminer spp. <sup>2</sup> , Meadow Spittlebug, Pepper weevil (Adult) <sup>2</sup> , Plant Bug spp., Southern Armyworm <sup>1</sup> , Spider Mite spp. <sup>2</sup> , Stalk Borer <sup>4</sup> , Stink Bug spp., Thrips <sup>5</sup> , Tobacco Budworm <sup>3</sup> , Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid <sup>2,3</sup> , Vegetable Weevil (Adult), Whitefly spp. <sup>2,3</sup> , Yellow-striped Armyworm <sup>1</sup>  <b>Disease Controlled</b> Anthracnose ( <i>Colletotrichum</i> spp.) Black mold ( <i>Alternaria alternata</i> ), Botrytis gray mold ( <i>Botrytis cinerea</i> ), Early Blight ( <i>Alternaria solani</i> ), Late Blight ( <i>Phytophthora infestans</i> ), Powdery mildew ( <i>Leveillula taurica</i> ), Septoria leaf spot ( <i>Septoria lycopersici</i> ), Target spot ( <i>Corynespora cassiicola</i> )
<b>Beans</b>  <b>Lupinus spp.</b> Lupine Sweet lupine  <b>Phaseolus spp.</b> Field bean Kidney bean Lima bean Navy bean	<p>Do not apply within 21 days of harvest</p> <p>Do not make more than 2 applications per year</p>	<b>Insects Controlled</b> Alfalfa Caterpillar, Alfalfa Looper, Aphid spp. <sup>3</sup> , Armyworm, Aster Leafhopper, Bean Leaf Beetle, Bean Leaf skeletonizer, Beet Armyworm <sup>1,2,3</sup> , Bird Cherry-Oat Aphid, Blister Beetle, Cinch Bug, Colorado Potato Beetle, Common Cornstalk Borer, Corn Earworm <sup>4</sup> , Corn Leaf Aphid, Corn Silkfly (adult), Cucumber Beetle Adult, Curculio and Weevil species <sup>4,6</sup> , Cutworm, Diamondback Moth, English Garin Aphid, European Corn Borer <sup>4</sup> , Fall Armyworm <sup>1</sup> , Flea Beetle, Flea Hopper, Flower Thrips,



<p>Pinto bean Tepary bean</p> <p><b>Vigna spp.</b> Adzuki bean Blackeyed pea Catjang Crowder pea Moth bean Mung bean Rice bean Southern pea Urd bean</p>	<p>Grasshopper, Green Cloverworm, Greenbug, Hop Vine Borer<sup>4</sup>, Hornworm, Imported Cabbageworm, Japanese Beetle (adult), Leafhopper, Leafminer (adult)<sup>2,3</sup>, Leaf-tier species, Lesser Cornstalk Borer<sup>2,4</sup>, Looper species, Meadow Spittlebug, Mexican Bean Beetle, Mexican Rootworm Beetle (adult), Mexican Rice Borer<sup>4</sup>, Northern Corn Rootworm Beetle (adult), Onion Maggot (adult), Onion Thrips, Painted Lady Butterfly (larva), Pepper Weevil (adult), Plant Bug, including Lygus Bug<sup>3</sup>, Rice Stalk Borer<sup>4</sup>, Saltmarsh Caterpillar, Sap Beetle (adult), Seedcorn Beetle, Seedcorn Maggot (adult), Southern Armyworm, Southern Cabbageworm, Southern Corn Leaf Beetle, Southern Corn Rootworm Beetle (adult), Southwestern Corn Borer<sup>4</sup>, Soybean Looper<sup>2,3</sup>, Spider Mite, Stalk Borer<sup>4</sup>, Stink Bug, Sugarcane Borer<sup>4</sup>, Tarnished Plant Bug, Threecornered Alfalfa Hopper, Thrips<sup>3,5</sup>, Tobacco Budworm<sup>3,4</sup>, Tobacco Thrips, Tomato Fruitworm, Tomato Pinworm, Tomato Psyllid, Vegetable Weevil (adult), Velvetleaf Caterpillar, Webworm, Western Bean Cutworm<sup>4</sup>, Western Corn Rootworm Beetle (adult), Western Flower Thrips, Western Yellowstriped Armyworm, Whitefly<sup>2,3</sup>, Yellowstriped Armyworm<sup>1</sup>.</p> <p><b>Diseases Controlled</b> Alternaria leaf and pod spot (<i>Alternaria spp.</i>), Ascochyta blight (<i>Phoma exigua</i>, <i>Ascochyta spp.</i>), Cercospora leaf spot (<i>Cercospora spp.</i>), Downy mildew (<i>Phytophthora nicotianae</i>) Mycosphaerella blight (<i>Mycosphaerella spp.</i>), Powdery mildew (<i>Erysiphe polygoni</i>), Rust (<i>Uromyces appendiculatus</i>) Septoria leaf spot (<i>Septoria spp.</i>, <i>Anthrachnose</i> (<i>Colletotrichum spp.</i>), <i>Botrytis gray mold</i> (<i>Botrytis cinerea</i>), <i>White mold</i> (<i>Sclerotinia sclerotiorum</i>)</p>
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<sup>1</sup>For control of first and second instar only.

<sup>2</sup>Suppression only

<sup>3</sup>See resistance management statement above (elsewhere on this label)

<sup>4</sup>For control before the larvae bores into the plant stalk or fruit.

<sup>5</sup>Does not include Western Flower Thrips.

<sup>6</sup>Foliage and pod feeding adults and larvae.

## STORAGE & DISPOSAL

**Pesticide Storage:** Store and transport in upright position. Store only in original container, in a cool dry place inaccessible to children or pets.

**Pesticide Disposal and Container Handling:** Non-refillable container. Do not reuse or refill this container. *If empty* -- Place in trash or offer for recycling, if available. *If partly filled* -- Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.



### **WARRANTY**

Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

For information on pesticide products call National Pesticide Information Center at 1-800-858-7378, 8AM to 12PM, Monday through Friday.

### **Bonide Products, Inc.**

6301 Sutliff Road, Oriskany, NY 13424

[batch code inserted at production]

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